Index of Claims

Application/Control No.

10/007,696

Examiner

Merilyn P. Nguyen

Applicant(s)/Patent under - Reexamination

TESSMAN ET AL.

Art Unit

2161

| <b>√</b> | Rejected | _ | (Throug<br>Car |
|----------|----------|---|----------------|
| _        | Allowed  |   | Pos            |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| 1 | 7 | Non-Elected  |
|---|---|--------------|
|   | - | Interference |

| A | Appeal   |
|---|----------|
| O | Objected |

| Cla                  | aim      |         |                                     |         | Date               | е                   |          |               |       | Cla          | aim      |                |                 |          | Da       | te       | -               |          |          |       | CI    | aim        |          |          |          | С         | ate      |          |          | _                 |          |
|----------------------|----------|---------|-------------------------------------|---------|--------------------|---------------------|----------|---------------|-------|--------------|----------|----------------|-----------------|----------|----------|----------|-----------------|----------|----------|-------|-------|------------|----------|----------|----------|-----------|----------|----------|----------|-------------------|----------|
|                      | <u> </u> | ß       | 1.1                                 |         |                    |                     | - 1      |               |       |              | <u>~</u> | ß              |                 |          | 1        |          | ]               | -        |          |       |       | 교          |          |          |          | - [       |          | - 1      |          | 1                 |          |
| Final                | Original | 4/29/05 |                                     |         |                    |                     |          |               |       | Final        | Original | 4/29/05        |                 |          |          |          |                 |          |          |       | Final | Original   |          |          |          |           |          |          |          | - 1               |          |
| Œ                    | Ö        | 4/2     |                                     |         |                    |                     |          |               |       | iI.          | Ö        | 4/2            |                 |          |          |          |                 |          |          |       | Ξ     | Ö          |          |          |          | 1         |          |          | İ        | ı                 |          |
| <u> </u>             |          |         | Ш                                   | _       | ╄                  | Ш                   | _        |               | _     | Ь            |          |                | $\sqcup$        | _        |          | ╄        |                 | _        | _        |       |       |            | $\perp$  | _        | _        | _         | _        |          | _        | 4                 | _        |
| ļ                    | 1        | 7       | ╙                                   | _       | +                  | $\vdash \vdash$     | _        | _ _           | 4     |              | 51       | √              | -               | _        |          | 4_       | $\vdash$        | _        | _        |       |       | 101        | -        | _        | 4        | _         | _        | _        | $\dashv$ | $\dashv$          | _        |
|                      | 2        | 7       | $\vdash$                            | _       | -                  | $\vdash$            |          | +             | 4     |              | 52       | 1              | $\vdash \vdash$ | _        | -        | ╄        | $\vdash$        | -        | 4        |       |       | 102        | $\sqcup$ | 4        | 4        | 4         | _        | _        | $\dashv$ | $\dashv$          | 4        |
| <u> </u>             | 3        | 7       | $\vdash$                            | - -     | +-                 | ┞╼┤                 | -        |               | -     |              | 53       | 1              | $\vdash$        | -        |          | ╀        | $\vdash$        | $\dashv$ | -        |       |       | 103        | $\dashv$ |          | 4        | -         | -        | -        | 4        | +                 | ᅱ        |
| $\vdash$             | 4        | 7       | $\vdash \vdash$                     | +-      | +                  | $\vdash$            | $\dashv$ | -             | -     |              | 54<br>55 | 1              | $\vdash$        | $\dashv$ | +        | +-       | ⊢               | -+-      | -        |       |       | 104<br>105 | $\dashv$ | $\dashv$ | +        | -         | -        | $\dashv$ | $\dashv$ | +                 | ᅴ        |
| <u> </u>             | 5<br>6   | 7       | ┝╌┝                                 |         |                    | H                   | $\dashv$ |               | -     |              | 56       | 1              | -               | +        |          | ╁        | ⊢               | +        | $\dashv$ |       |       | 105        | $\dashv$ | $\dashv$ | -        | -         | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$          | $\dashv$ |
| $\vdash$             | 7        | 7       | ┝                                   | +       | +-                 | ╂╾╂                 | $\dashv$ | -             | -     |              | 57       | 1              | $\vdash$        | +        |          | ╁╴       | ┥               | +        | $\dashv$ |       |       | 107        | $\dashv$ | $\dashv$ | +        | -         | $\dashv$ | $\dashv$ | $\dashv$ | +                 | $\dashv$ |
|                      | 8        | 1       | $\vdash$                            | +       | +                  | H                   | $\dashv$ | -             | -     | _            | 58       | 1              | $\vdash$        | $\dashv$ | $\dashv$ | ╁        | $\vdash$        | +        | $\dashv$ |       |       | 108        | -        | $\dashv$ | $\dashv$ | -         | ᅱ        | $\dashv$ | $\dashv$ | +                 | $\dashv$ |
| <u> </u>             | 9        | V       | $\vdash$                            | +       | +                  | Н                   | $\dashv$ | +             | -     | $\vdash$     | 59       | 1              | $\vdash$        | $\dashv$ | ╅        | ╁        | ╁┼              |          | $\dashv$ |       |       | 109        | $\dashv$ | $\dashv$ | +        | ┪         | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$          | $\dashv$ |
| $\vdash$             | 10       | 1       | $\vdash$                            | +       | +-                 | ╁                   |          | $\dashv$      | -     |              | 60       | 1              | -               | $\dashv$ | +        | +        | -               | 十        | $\dashv$ |       |       | 110        | Н        | 十        | 十        | ᆉ         | -        | $\dashv$ | $\dashv$ | $\dashv$          | ᅥ        |
|                      | 11       | V       | $\vdash$                            | +       | +                  | $\vdash$            | $\dashv$ |               | ۱     |              | 61       | Ė              | $\vdash$        | $\dashv$ | +        | $\top$   | $\vdash$        | +        | $\dashv$ |       |       | 111        | $\vdash$ | $\dashv$ | +        | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$          | $\dashv$ |
|                      | 12       | 1       | $\vdash$                            | +       | +-                 | $\vdash$            | _        | $\dashv$      |       |              | 62       | Т              | $\vdash$        | $\dashv$ | +        | +        | $\vdash$        | +        | -        |       |       | 112        | $\vdash$ | $\dashv$ | $\dashv$ | +         | 一        | $\dashv$ | $\dashv$ | _                 | ᅱ        |
|                      | 13       | Ì       | $\vdash$                            | +       | 1                  | H                   | $\neg$   | _             | ۱     |              | 63       | T              | $\vdash$        | $\dashv$ | $\top$   | +        | 1               | -        | -        | H     |       | 113        | $\vdash$ | +        | +        | -1        |          |          | 十        | 十                 | ᅱ        |
|                      | 14       | Ì       | $\vdash$                            | 十       | $\top$             | $\sqcap$            | $\neg$   | $\dashv$      | 7     |              | 64       | Т              | $\Box$          | $\dashv$ | $\top$   | T        | $\Box$          | $\top$   | 1        |       |       | 114        | $\Box$   | $\dashv$ | $\dashv$ | ヿ         | 7        | 寸        | $\dashv$ | $\dashv$          | ヿ        |
|                      | 15       | V       | H                                   | $\top$  | 1                  | $\sqcap$            | $\dashv$ | $\neg \vdash$ | 7     |              | 65       | Г              | $\Box$          | $\dashv$ | $\top$   | T        | $\sqcap$        | 十        | ١        |       |       | 115        |          | 十        | 十        | $\dashv$  | $\neg$   |          | 一        | $\top$            | ᆌ        |
|                      | 16       | 1       | Ш                                   | $\top$  | $\top$             | $\sqcap$            |          | $\neg$        | 7     |              | 66       | Г              | $\Box$          | $\neg$   | $\top$   | 1        | $\Box$          | T        | 1        |       |       | 116        |          | 7        | $\neg$   | $\dashv$  | $\neg$   |          | $\dashv$ | 寸                 | ᅱ        |
|                      | 17       | 1       | $\sqcap$                            | 十       | $\top$             | П                   |          | $\dashv$      | 7     |              | 67       |                |                 | T        | $\top$   | T        | $\Box$          | $\top$   | 1        |       |       | 117        |          | $\neg$   | _        | $\dashv$  | $\neg$   |          | 一        | 十                 | ヿ        |
|                      | 18       | 1       |                                     | 1       |                    | П                   | $\neg$   | $\neg$        | 7     |              | 68       | Г              | $\sqcap$        | $\neg$   |          | 1        |                 | 丁        | 7        |       |       | 118        |          | 寸        | 十        | $\dashv$  |          | $\neg$   | $\dashv$ | 1                 | ヿ        |
|                      | 19       | 1       |                                     | $\top$  | 1                  |                     |          |               | 7     |              | 69       |                |                 |          |          | 1        |                 |          | 7        |       |       | 119        |          | 寸        | 寸        | $\neg$    |          | ╗        | $\top$   | ヿ                 | ヿ        |
|                      | 20       | 1       |                                     |         | 1                  | П                   |          | $\neg$        | 7:::: |              | 70       |                |                 |          |          |          |                 | 丁        | 7        |       |       | 120        |          | 寸        | -        |           |          | ヿ        | $\neg$   | ヿ                 | ヿ        |
|                      | 21       | 1       |                                     |         | 1                  | П                   | ヿ        | $\neg$        | 7:::: |              | 71       |                |                 |          |          |          |                 |          | 7:       |       |       | 121        |          | $\neg$   | $\neg$   | $\exists$ |          |          |          | 寸                 | ヿ        |
|                      | 22       | 1       | Π.                                  |         | 1                  | П                   | $\neg$   | T             | 7!!!! |              | 72       |                |                 |          | $\top$   | 1        | П               | T        |          |       |       | 122        | T        | T        |          | T         | T        | T        |          | T                 | ヿ        |
|                      | 23       | 7       |                                     | T       | 1                  | П                   | 丁        | T             | 7     |              | 73       |                | П               | T        | $\top$   | 1        | П               | T        | _        | · · · |       | 123        | $\neg$   |          | $\neg$   | $\neg$    |          | ヿ        |          | $\neg$            | ╗        |
|                      | 24       | 1       |                                     | T       |                    |                     | $\neg$   | 7             | 7     |              | 74       |                |                 | T        |          | T        | П               |          | 7        |       |       | 124        |          | $\neg$   | $\neg$   | $\neg$    | $\neg$   | $\neg$   | T        | $\neg$            | $\neg$   |
|                      | 25       | 1       |                                     | $\neg$  | $\top$             | П                   | $\neg$   | $\neg \vdash$ | 7     |              | 75       |                |                 |          |          | Ì        |                 |          |          |       |       | 125        |          |          | 寸        | 一         | 寸        |          | T        | Т                 | $\neg$   |
|                      | 26       | 7       |                                     |         |                    |                     |          |               |       |              | 76       |                |                 | $\neg$   |          |          |                 | T        | 7        |       |       | 126        |          | П        | 丁        | $\neg$    | ヿ        |          | T        | T                 | ٦        |
|                      | 27       | 7       |                                     |         |                    |                     |          |               |       |              | 77       |                |                 |          |          |          |                 |          |          |       |       | 127        |          |          | П        | $\Box$    |          |          |          | $\Box$            |          |
|                      | 28       | 1       |                                     |         |                    |                     |          |               | _     |              | 78       |                |                 |          |          |          |                 |          |          |       |       | 128        |          |          |          |           |          |          |          | $\Box$            |          |
|                      | 29       | 1       |                                     |         |                    |                     |          |               | ]     |              | 79       |                |                 |          |          |          |                 |          |          |       |       | 129        |          |          |          |           |          |          |          | $\perp$           |          |
|                      | 30       | 1       |                                     | $\perp$ | $oldsymbol{\perp}$ | Ш                   |          |               | _     |              | 80       | L_             |                 |          |          |          |                 |          |          |       |       | 130        |          |          |          |           |          |          |          |                   |          |
| L                    | 31       | 1       |                                     | $\perp$ | $oldsymbol{\perp}$ | Li                  | $\Box$   |               | _     |              | 81       |                |                 | $\perp$  | $\perp$  |          | Щ               |          | _ :      |       |       | 131        |          |          | $\perp$  | $\Box$    | $\perp$  |          |          | $oldsymbol{\bot}$ |          |
| ļ                    | 32       | ۷.      | $oxed{oldsymbol{oldsymbol{\perp}}}$ | 4       | 4                  | Н                   | _        |               | 4     | <u> </u>     | 82       | Ш              | $\sqcup$        | $\perp$  | $\perp$  | ↓_       | Щ               | 1        | _        |       | •     | 132        |          | $\perp$  | $\perp$  | 4         |          |          |          | $\perp$           | $\sqcup$ |
| ļ                    | 33       | 1       |                                     | 4       | $\perp$            | $\sqcup$            | _        |               | 4     |              | 83       | $\sqcup$       | $\vdash \vdash$ | _        |          | $\perp$  | $\sqcup$        | _        | _        |       |       | 133        | _        |          | $\perp$  | $\dashv$  | _        |          | $\dashv$ | $\dashv$          | $\dashv$ |
| <u> </u>             | 34       | 1       | $\vdash \vdash$                     | +       | +-                 | ⊢                   | _        | _ _           | 4     | <u> </u>     | 84       |                | $\vdash$        | 4        |          | 4        | $\sqcup$        | 4        | _ :      |       |       | 134        | $\Box$   | _        | $\dashv$ | 4         | _        | _        | $\dashv$ | 4                 | _        |
| <u> </u>             | 35       | √,      | $\vdash$                            | +       |                    | $\vdash \vdash$     | 4        | -             | -     | <u> </u>     | 85       | $\vdash$       | $\vdash$        | -        | +        | -        | $\vdash$        | +        | -        |       |       | 135        | _        | -        | -        | _         | _        | _        | $\perp$  | 4                 | 4        |
| $\vdash$             | 36       | ٧       | -                                   | - -     | 4                  | $\vdash \downarrow$ | 4        | +             | -     | <u> </u>     | 86       | $\vdash$       | $\vdash \vdash$ | +        | +        | ╀        | $\vdash \vdash$ | +        | 4        |       |       | 136        | _        | +        | $\dashv$ | 4         | _        | _        | 4        | $\dashv$          | 4        |
| $\vdash$             | 37       | 1       |                                     | 4       | +-                 | $\vdash \vdash$     | -        | _             | -     |              | 87       | $\vdash$       | $\vdash \vdash$ | -        | +        |          | $\vdash \vdash$ | +        | 4        |       |       | 137        | $\dashv$ | -        | 4        |           | _        | -        | 4        | $\dashv$          | $\dashv$ |
| <u> </u>             | 38       | 1       | $\vdash$                            | +       | -                  | ⊢                   | $\dashv$ | -             | -     |              | 88       | $\vdash$       | $\dashv$        | +        | +        | ╀        | $\vdash$        | +        | - :      |       |       | 138        | $\dashv$ | $\dashv$ | +        |           |          |          | $\dashv$ | $\dashv$          | $\dashv$ |
| $\vdash$             | 39       | 7       | -                                   | +       | +                  | $\vdash \vdash$     |          | -             | -     |              | 89       | -              | $\vdash$        | +        | +        | +        | $\vdash \vdash$ | +        | -        |       |       | 139        | $\dashv$ | +        | +        | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$ | +                 | $\dashv$ |
| $\vdash$             | 40       |         | <del>   </del> -                    | +-      | +                  | $\vdash$            | -        | +             | -     | <del> </del> | 90       | $\vdash$       | -               | +        | +        | +-       | $\vdash$        | +        |          |       |       | 140        |          | +        | +        | $\dashv$  |          | $\dashv$ | +        | $\dashv$          | $\dashv$ |
|                      | 41       | 7       | $\vdash$                            | +       | +-                 | ┥                   |          |               | -     | <del> </del> | 91<br>92 | $\vdash$       | $\dashv$        | +        | +-       | +        |                 |          | -        | -     |       | 141        | $\dashv$ | -        | $\dashv$ | -         |          |          | -        | $\dashv$          | $\dashv$ |
|                      | 42       | 7       | $\vdash$                            | +       | +                  | $\vdash \vdash$     | $\dashv$ | +             | -     | <u> </u>     | 93       | $\vdash$       | $\dashv$        | +        | +        | $\vdash$ | ┝               | +        |          |       |       | 142<br>143 | $\dashv$ | -        | +        | $\dashv$  | $\dashv$ | -        | $\dashv$ | $\dashv$          | $\dashv$ |
| $\vdash$             | 44       | 7       | $\vdash$                            | +-      | $\vdash$           | ⊢                   | -+       | -             | -     | $\vdash$     | 94       | $\vdash$       | $\vdash$        | +        | +        | +-       | $\vdash \vdash$ | +        | -        | ii)   |       |            | $\dashv$ | $\dashv$ | +        | $\dashv$  | $\dashv$ | -        | +        | +                 | $\dashv$ |
|                      | 44       | 7       | ├                                   | +-      | +                  | $\vdash \vdash$     | $\dashv$ | $\dashv$      | ┨Ш    | <u> </u>     | 95       | $\vdash\vdash$ | +               | ╫        | +        | ╁        | ┝┯┼             | +        | -        | iil   |       | 144<br>145 | -        | +        | +        | $\dashv$  | $\dashv$ | $\dashv$ | +        | $\dashv$          | $\dashv$ |
| $\vdash$             | 46       | 7       | -                                   | +       | +                  | $\vdash$            |          |               | -     | <del></del>  | 96       | $\vdash$       | $\dashv$        | +        | +        | +        | $\vdash$        | $\dashv$ | -        | ⊪     |       | 146        | $\dashv$ | $\dashv$ | -        | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$          | $\dashv$ |
| $\vdash$             | 47       | 7       | $\vdash$                            | +       | +                  | $\vdash$            | +        | +             | ┨Ш    | -            | 97       | $\vdash$       | $\dashv$        | +        | +        | +        | $\vdash$        | +        | -        | ⊪     |       | 147        |          | +        | +        | $\dashv$  | -        | -        | +        | +                 | $\dashv$ |
| $\vdash$             | 48       | 7       | $\vdash$                            | +       | +                  | ┝┼                  | $\dashv$ | +             | ┨Ш    | $\vdash$     | 98       | $\vdash$       | $\dashv$        | +        | +-       | +        |                 | +        | -        | ⊪     |       | 148        | $\dashv$ | +        | +        | $\dashv$  | $\dashv$ | $\dashv$ | +        | $\dashv$          | $\dashv$ |
| $\vdash$             | 49       | 7       | $\vdash$                            | +-      | +                  | $\vdash$            | +        | +             | -     | _            | 99       | $\vdash$       | +               | +        | $\dashv$ | +        | $\vdash$        | +        | -        | ⊪     |       | 149        | $\dashv$ | $\dashv$ | +        | $\dashv$  | $\dashv$ | $\dashv$ | +        | +                 | $\dashv$ |
| $\vdash\vdash\vdash$ | 50       | 7       | $\vdash$                            | +       | +                  | ┤┤                  | $\dashv$ | $\dashv$      | ┨∭    |              | 100      | Н              | +               | +        | $\dashv$ | +        | $\vdash$        | +        | - :      | ÷     |       | 150        | $\dashv$ | +        | +        | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$ | +                 | $\dashv$ |
|                      | JU       | 4       | $\perp$                             | ㅗ       | ш                  | щ                   |          |               | _:::: |              | 100      | لب             |                 |          |          | ┸        | ш               | ㅗ        | ::       | ا:::  |       | 100        |          |          | ᆚ        |           |          |          | ᆚ        | ㅗ                 |          |